

Table 3. Estimates of combined lead and zinc production from the Southeast Missouri Barite District and Valles Mines, and the Southeast Missouri Lead District [lead or zinc content of ore is the tons of l furnaces; lead or zinc produced is the tons of lead or zinc produced from the furnaces; these estimates do not include lead recovered during barite mining, the amount of which is unknown; --, No produ available]

SOUTHEAST MISSOURI BARITE DISTRICT AND VALLES MINES	^a <u>Washington County</u>				^a <u>Jefferson County</u>				^b <u>St. Francois County</u>				<u>Southeast Mi</u>
	Lead content of ore (tons)	Lead produced (tons)	Zinc content of ore (tons)	Zinc produced (tons)	Lead content of ore (tons)	Lead produced (tons)	Zinc content of ore (tons)	Zinc produced (tons)	^c Lead content of ore (tons)	Lead produced (tons)	Zinc content of ore (tons)	Zinc produced (tons)	Lead content of ore (tons)
^{a,b} <u>Winslow (1894), modified</u>													
to 1799	19,000	9,500	--	--	--	--	--	--	0	0	--	--	19,000
1800-1819	28,500	17,100	--	--	333	200	--	--	0	0	--	--	28,833
1820-1829	16,130	10,000	--	--	2,420	1,500	--	--	4,842	3,000	--	--	23,392
1830-1849	38,460	25,000	--	--	7,200	4,680	--	--	26,154	17,000	--	--	71,814
1850-1859	18,555	13,000	--	--	4,500	3,150	--	--	11,428	8,000	--	--	34,483
1860-1869	4,285	3,000	--	--	2,000	1,400	--	--	5,286	3,700	200	67	11,571
1870-1879	13,000	9,100	10,000	3,333	4,000	2,800	3,000	1,000	4,286	3,000	26,512	8,837	21,286
1880- ^d 1893	<u>23,000</u>	<u>16,100</u>	<u>4,000</u>	<u>1,333</u>	<u>6,210</u>	<u>4,347</u>	<u>31,561</u>	<u>10,520</u>	<u>1,820</u>	<u>1,274</u>	--	--	<u>31,030</u>
^e Total for district through 1893	161,000	103,000	14,000	4,700	27,000	18,000	35,000	12,000	54,000	36,000	27,000	9,000	241,000
<u>Wharton (1975)</u>													
Total for district, through 1948													
^f <u>Wharton (1975), modified</u>													
Total for district, through 1948													
Total for history of Southeast Missouri Barite District and Valles Mines													^g 277,000
^h SOUTHEAST MISSOURI LEAD DISTRICT (through 2011)											Tons of Ore	Percent Lead	Lead content of ore (tons)

	<u>Period of Production</u>			
Old Lead Belt Subdistrict	1864-1972	263,000,000	2.9	7,600,000
ⁱ Viburnum Trend Subdistrict	1960- ⁱ 2011	300,000,000	5.8	17,400,000
Mine LaMotte Subdistrict	1720-1961	15,000,000	3.9	600,000
Indian Creek Subdistrict	1954-1985	32,000,000	3.6	1,200,000
Annapolis Subdistrict	1915-1931	<u>1,200,000</u>	<u>2.3</u>	<u>30,000</u>
^h Total Production from Southeast Missouri Lead District (through 2011)		611,200,000	4.4	26,830,000

^aData for Washington and Jefferson Counties are from Winslow (1894)

^bData for St. Francois County through 1893 are modified from Winslow (1894) by removing estimated production from the Old Lead Belt.

^cThe lead content of the ore for St. Francois County was estimated by applying the lead recovery percentage in Winslow (1894) for all of St. Francois County to the estimated lead produced in St. Francois County, and then subtracting the estimated lead production from the Old Lead Belt

^d1892 for Jefferson County

^eTotal production data are rounded

^fAdds 6,000 tons of zinc production to Wharton's (1975) zinc production; Winslow (1894) estimated 5,666 tons of zinc production that was not included in Wharton's (1975) estimate from the Valles Mirabilis

^gMetal content of furnace feed was calculated by applying Winslow's (1894) percentage of metal recovered by furnaces (65% for lead, 33% for zinc) to the tons of metal produced.

^hData from Schott (2012); production from the Irondale Subdistrict is not included

ⁱData are through 2011; production from the Viburnum Trend continues to the current time (2016)

lead or zinc in the ore fed to the
refining or no production figure

Missouri Barite District

Lead produced (tons)	Zinc content of ore (tons)	Zinc produced (tons)
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9,500	--	--
17,300	--	--
14,500	--	--
46,680	--	--
24,150	--	--
8,100	200	67
14,900	39,512	13,170
<u>21,721</u>	<u>35,561</u>	<u>11,853</u>
157,000	75,000	25,000

180,000	54,000
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180,000	60,000
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180,000	^g 180,000	60,000
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Percent zinc	Zinc content of ore (tons)
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0.3	800,000
1.1	3,300,000
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0.4	100,000
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0.7	4,200,000

s County after removing

nes.